Use Attainability Analysis

for

WBID 3672 Trib. To Big Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 18, 2005

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): Tributary to Big Creek (Dew Pond Hollow)
8-digit HUC: 11010008
Missouri WBID #:3672
County: Texas
Upstream Legal Description: NW1/4 SW1/4 Sec.15 T.30N., R.7W.
Downstream Legal Description: NWI/4 SW1/4 Sec.16 T.30 N., R.7W.
Upstream Coordinates: N. 37.29922 W. 91.69947
Downstream Coordinates: N. 37.30587 W. 91.70934
Discharger Facility Name(s): NA
Discharger Permit Number(s): NA
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Dennis M. Meinert (314) 416-2960
Organization: Department of Natural Resources, SWCP
Position: Soil Scientist

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Vennis M. Meinert

Date: 06/30/05___

September 29, 2004

Page 1

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WEID #:	WB3672-01	Site Loca	tion Descrip	tion: NW1/	/4 NW1/4 SEC.	15 T.3	30N. R.7W.		
Site GPS Coordin	Site GPS Coordinates: N. 36.29922 W. 91.69947								
Date & Time: 06/30/05 12:15 pm Facility Name: NA									
Personnel: Leon Thompson, Dennis Meinert Permit Number: NA									
Current Weather	Conditions:Partly	y cloudy	Weather Con	ditions fo	or Past 7 day	s: Sça	ttered showers		
Photo Ids: Upst	Photo Ids: Upstream: WBU3672-01 Downstream: WBD3672-01 Other:								
Uses Observe	d*:								
Swimming	Skin Diving	Scu	ba diving	Tubing		Wat	er skiing		
Wind suzfing	Kayaking	Boa	ting	Wading		Raf	ting		
Hunting	Trapping	Fis	hing	_X_ None of	the above	Oth	ner:		
-	Conditions*:		_		mpede recrea	tiona	l uses. Attach		
City/county pa	rks Playgrou	=	MDC conservat		Urban ar	eas	Campgrounds		
Boating access	State pa	irka	National fore	sts	Nature t	rails	Stairs/walkway		
No traspass si	.gn Fence	_ <u>x</u> _	Steep slopes		Other:				
Evidence of	Human Vse*:			Evidence of Human Use*:					
Roads Foot paths/prints Dock/platform Livestock Watering RV / ATV Tracks									
	Foot paths/pr	ints	Dock/platform	Lives	stock Watering		RV / ATV Tracks		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

X Other: None

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Data Sheet B - Site Characterization

Page Two - WBID #: WB3672-01

	m Morphology eam View Phy		Dimensions: 1	No water o	observe	d.			
Riffle	Width (ft):	L	ength (ft):	Avg. I	Depth (ft):	Max.	Depth	(ft):
Run	Width (ft):	L	ength (ft):	Avg. 1	Depth (ft):	Max.	Depth	(ft):
Pool	Width (ft):	L	ength (ft):	Avg. I	Depth (£t):	Max.	Depth	(ft):
Flow	Present?	Yes	No	Estima	ated (f	t3/sec):			
Downst	ream View Ph	ysical D	imensions: No	water ob	served	•			
Riffle	Width (ft):	Ĺ	ength (ft):	Avg. 1	Depth (:	ft):	Max.	Depth	(ft):
Run	Width (ft):	L	ength (ft):	Avg. 1	Depth (:	ft):	Max.	Depth	(ft):
Pool	Width (ft):	L	ength (ft):	Avg. 1	Depth (:	ft):	Max,	Depth	(ft):
Flow	Present?	Yes	No	Estim	ated (f	t3/sec):			
Subst	rate*: (The	se value	s should add	up to 100%	r.)				
10% Cc	bble %	Gravel	% Sand	ક	Silt	% Mud	/Clay	90%	Bedrock
site)	_		ote amount of	_	or alg	al growt)	n at th	ie asse	ssment
			(Mark all tha						
Odor:	Sewage		Musky	Chemical	No	ne	Oth	er:	
Color:	Clear		Green	Gray	мі	ilky	Oth	er: None	
			-						

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other: None
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	Oil	Scum	Foam	None	Other:

Comments: Small pool of stagmant water above point.

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I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate

()	nis M. Meinert	Date:	06/30/05
Organization:	Department of Natural Resources S	WCP	
Position:	Soil Scientist		

WBID 3672-Downstream #1





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	WB3672-02 S	ite Loca	tion Descript	ion: NE1	/4 NE1/4 Sec	.16 T.	30N., R.7W.
Site GPS Coordina	tes: N. 37.30686	W. 9	1.70329				
Date & Time: 06/3	0/05 1:15 pm		Facility Nam	ne: NA			
Personnel: Leon T	hompson, Dennis M	Meinert	Permit Numbe	er: NA		_	
Current Weather C	onditions: Cloudy	,	Weather Cond	ditions f	or Past 7 da	ys: Sc	attered showers
Photo Ids: Upstr	eam: WBU3672-02	Downst:	ream: WBD3672	-02	Other:		
Uses Observed	l*:						
Swimming	Skin Diving	Scu	ba diving _	Tubing	7	Wat	ter skiing
Wind surfing	Kayaking	Boa	ting _	Wading		Rai	fting
Hunting	Trapping	Fis	hing _	X_ None of	f the above	otl	her:
	e number of indiversional uses, etc		recreating, f	requency	of use, pho	to-docu	umentation of
Surrounding (Mark al	1 that promo	ote or in			
Surrounding (Conditions*: (Nence or unusual	Mark al	1 that promo	ote or in		ationa	
Surrounding (Conditions*: (Nence or unusual	Mark al. items	l that promo of interest	ote or in	mpede recre	ationa	al uses. Attach
Surrounding (photos of evid	Conditions*: (Playgrounds State par	Mark al items	l that promo of interest MDC conservati	ote or in	mpede recre	eationa reas trails	al uses. Attach
Surrounding (photos of evid City/county par Boating accesses	Conditions*: (Idence or unusual cks Playgroum es State par gnX_ Fence	Mark al items	l that promo of interest MDC conservati	ote or in	mpede recre	eationa reas trails	uses. Attach Campgrounds Stairs/walkway
Surrounding (photos of evid City/county par Boating accesse No trespass sig	Conditions*: (Idence or unusual cks Playgroum es State par gnX_ Fence	Mark al items	l that promo of interest MDC conservati	ote or in .) ion lands	mpede recre	eationa reas trails private	uses. Attach Campgrounds Stairs/walkway
Surrounding (photos of evid City/county par Boating accesse No trespass sig	Conditions*: (Rence or unusual state par State par L Fence	Mark al items	l that promo of interest MDC conservati National fores Steep slopes	ote or in.) ion lands	mpede recre	eationa reas trails private	Language Lan

labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #: WB3672-02

Stream Morphology:

Upstream View Physical Dimensions: No water observed.

Flow	Present?	Yes No	0	Esti	mated	(ft3/sec):			
Pool	Width (ft):	Length	(ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):
Run	Width (ft):	Length	(ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):
Riffle	Width (ft):	Length	(ft):	Avg.	Depth	(ft):	Max.	Depth	(ft):

Downstream View Physical Dimensions: No water observed.

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes No	Estimated (ft3/sec):	

Substrate*:	(These	values	should	add	up	to	100%.)	
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	60% Cobble	40% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
- 1		THE R. LEWIS CO., LANSING, MICH.				The second secon

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Non-aquatic vegetation growing in streambed.

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other: None
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	oil	Scum	Foam	None	Other:

Comments: Please attach additional comments (including information from interviews) to this form.

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I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Den	nis M. Meiners	Date:	06/30/05
Organization:	Department of Natural Resources	SWCP	
Position:	Soil Scientist		

WBID 3672-Downstream #2







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:			/4 NE1/4 SEC				
Site GPS Coordina	ites: N. 37.30587	w.	91.70934				
Date & Time: 6/30)/05 1:35 pm		Facility Na	ame: NA			
Personnel: Dennis	Meinert, Leon T	hompson	Permit Numb	er: NA			
Current Weather C	Conditions: Cloud	У	Weather Cor	nditions f	or Past 7 da	ys: Sca	attered showers
Photo Ids: Upstream: WBU3672-03 Downst			ream: WBD367	2-03	Other:		
Uses Observed	d*:						
Swimming	Skin Diving	Scu	aba diving	Tubing		Wat	ter skiing
Wind surfing	Kayaking	Воа	ting	Wading		Rai	fting
Hunting	Trapping	Fis	shing	X None o	f the above	oth	her:
evidence of recre	eational uses, et	c.)					
Surrounding	Conditions*: (Mark al			mpede recre	ationa	ıl uses. Attach
Surrounding	Conditions*: (Mark al l items		t.)	mpede recre		al uses. Attach
Surrounding photos of evice	Conditions*: (dence or unusual	Mark al l items	of interes	t.)	1	reas	
Surrounding photos of eviceCity/county par	Conditions*: (dence or unusual rks Playgroun es State par	Mark al l items	of interes	t.) tion lands	Urban a	reas	Campgrounds
Surrounding photos of evic City/county par Boating accesses	Conditions*: (dence or unusua: rks Playgrour es State par gn Fence	Mark al l items	MDC conserva	t.) tion lands	Urban a	reas	Campgrounds
Surrounding photos of evic City/county par Boating access No trespass sign	Conditions*: (dence or unusua: rks Playgrour es State par gn Fence	Mark al l items ds	MDC conserva	t.) tion lands	Urban a	reas trails private	Campgrounds
Surrounding photos of evic City/county par Boating accesse No trespass sign Evidence of	Conditions*: (dence or unusual rks Playgrour es State par gn Fence Human Use*:	Mark al litems ads	MDC conserva National for Steep slopes	t.) tion lands ests	Urban a Nature Other:	reas trails private	Campgrounds Stairs/walkway

labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #: WB3672-03

Stream Morphology:

Upstream View Physical Dim	ensions: No	water	observed.
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Flow	Present?	Yes No	Estimated (ft3/sec):	
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft);
Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):

Downstream View Physical Dimensions: No water observed.

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes No	Estimated (ft3/sec):	

Substrate*: (These values should add up to 100%.)

50% Cobble 50% Gravel % Sand % Silt % Mud/Clay % Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Non-aquatic vegetation growing in stream bed.

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:	
Color:	Clear	Green	Gray	Milky	Other: None	
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:	
Surface Deposit:	Oil	Scum	Foam	None	Other:	

Comments: Please attach additional comments (including information from interviews) to this form.

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Signed: Denni	a M. Meinert	Date:	06/30/05
Organization: Dep	partment of Natural Resources S	WCP	
Position: Soi	il Scientist		

WBID 3672-Downstream #3



WBID 3672-Upstream #3



STREAM NAME

Tributary to Big Creek (Dew Pond Hollow)

РНОТО	WBID	UP	DOWN	USE	COMMENTS
1	3672	Х		No use	No water, sandstone bedrock
2	3672		Х	No use	No water
3	3672	Х		No use	No water
4	3672		X	No use	No water
5	3672	Х		No use	No water
6	3672		X	No use	No water
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